(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 23 December 2004 (23.12.2004)

(10) International Publication Number WO 2004/110546 A1

(51) International Patent Classification7:

A61M 39/06

(21) International Application Number:

PCT/DK2004/000422

(22) International Filing Date: 17 June 2004 (17.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA 2003 00896 17 June 2003 (17.06.2003) DK 60/478,832 17 June 2003 (17.06.2003) US PA 2003 01205 22 August 2003 (22.08.2003) DK 60/496,910 22 August 2003 (22.08.2003) US

(71) Applicant (for all designated States except US): CUBE MEDICAL A/S [DK/DK]; Langebjerg 2, DK-4000 Roskilde (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ANDERSEN, Erik [DK/DK]; Rønnens Kvarter 5, Osted, DK-4000 Roskilde (DK). BIRK PEDERSEN, Finn [DK/DK]; Dyrehavegårdsvej 26, DK-3660 Stenløse (DK).

(74) Agent: INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Hørsholm (DK).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

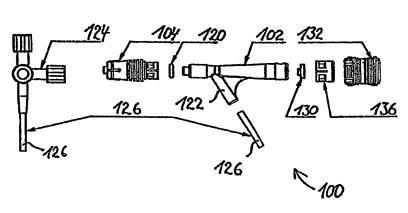
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HAEMOSTATIC VALVE ASSEMBLY WITH INDICATOR



(57) Abstract: (100) for a haemostatic valve assembly comprises a longitudinally extending main section (114)having a longitudinally extending, through-going passage (110; 112) and a valve (128) at a proximal end of the connector, the valve having an open state in which an elongate member may be inserted into the passage (110; 112), and a closed state. The valve comprising an indicator (136; 140; 142) for indicating the state of the valve. The valve (128) may comprise a valve opener (132; 133) which is longitudinally displaceable along an

outer surface of the main section (114) of the connector (100), such that the state of the valve (128) may be changed by displacing the valve opener (132; 133) in relation to the main section (114), e.g. in order to uncover or cover a coloured member visible through the valve opener in an open or closed state thereof.

2004/110546 A1